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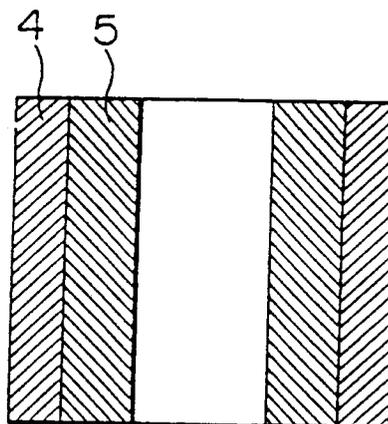
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54 **Wear-resistant compound roll and method of producing same.**

57 The wear-resistant compound roll having a sintered shell portion (4) having good wear resistance is produced by sintering an alloy powder consisting essentially, by weight, of 1.0-3.5 % of C, 2 % or less of Si, 2 % or less of Mn, 10 % or less of Cr, 3-15 % of W, 2-10 % of Mo, 1-15 % of V, and balance Fe and inevitable impurities, at a temperature equal to or higher than the temperature from which the alloy powder starts to be melted.

FIG. 5



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EUROPEAN SEARCH REPORT

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EP 92 10 6860

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	PATENT ABSTRACTS OF JAPAN vol. 014, no. 003 (M-915)8 January 1990 & JP-A-12 52 704 (KUBOTA LTD) 9 October 1989 * abstract *	1,2,5-7	C22C38/36 C22C33/02 B22F3/14
A	--- PATENT ABSTRACTS OF JAPAN vol. 015, no. 064 (C-0806)15 February 1991 & JP-A-22 90 951 (HITACHI METALS LTD) 30 November 1990 * abstract * & US-A-5 053 284 (NODA ET AL.) 1 October 1991 * table 1 *	5-7	
A	--- PATENT ABSTRACTS OF JAPAN vol. 015, no. 034 (C-0799)28 January 1991 & JP-A-22 70 944 (HITACHI METALS LTD) 6 November 1990 * abstract *		
A	--- PATENT ABSTRACTS OF JAPAN vol. 012, no. 479 (C-552)14 December 1988 & JP-A-63 195 250 (DAIDO STEEL CO LTD) 12 August 1988 * abstract *		

The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			C22C B21B
Place of search	Date of completion of the search	Examiner	
THE HAGUE	07 MAY 1993	ASHLEY G.W.	
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